

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>GRON-0002</b>		SERIAL NO.	
				Applicant: <b>Grondahl</b>			
				FILING		GROUP	

  

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,173,962 B1	1/2001	Morrison et al.			
		6,173,958 B1	1/2001	Dinc et al.			
		6,170,831 B1	1/2001	Bouchard			
		6,168,162 B1	1/2001	Reluzco et al.			
		6,161,836	12/2000	Zhou			
		6,139,019	10/2000	Dinc et al.			
		6,139,018	10/2000	Cromer et al.			
		6,131,911	10/2000	Cromer et al.			
		6,131,910	10/2000	Bagepalli et al.			
		6,120,622	9/2000	Mayr et al.			
		6,116,608	9/2000	Wolfe et al.			

  

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

  

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
			Arora, Gul K. et al., "Pressure Balanced, Low Hysteresis, Finger Seal Test Results," 35th Joint Propulsion Conference and Exhibit, Los Angeles, California, June 20-24, 1999.
			Steinetz, Bruce M. et al., "Advanced Seal Technology Role in Meeting Next Generation Turbine Engine Goals," Propulsion and Power Systems First Meeting on Design Principles and Methods for Aircraft Gas Turbine Engines, Toulouse, France, May 11-15, 1998.

  

EXAMINER	DATE CONSIDERED
----------	-----------------

  

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>GRON-0002</b>		SERIAL NO.	
				Applicant: <b>Grondahl</b>			
				FILING		GROUP	

  

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,105,967	8/2000	Turnquist et al.			
		6,105,966	8/2000	Turnquist et al.			
		6,079,945	6/2000	Wolfe et al.			
		6,079,714	6/2000	Kemsley			
		6,059,526	5/2000	Mayr			
		6,045,134	4/2000	Turnquist et al.			
		6,042,119	3/2000	Bagepalli et al.			
		6,032,959	3/2000	Carter			
		6,030,175	2/2000	Bagepalli et al.			
		6,027,121	2/2000	Cromer et al.			
		6,012,723	1/2000	Beeck			

  

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

  

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
			"Performance and Reliability Improvements for Heavy-Duty Gas Turbines," GE Power Systems GER-3571H, April 2000, pgs. 5-6.
			Hendricks, Robert C. et al., "Two-way brush seals catch a wave," 1997 International Gas Turbine & Aeroengine Congress & Exhibition, Orlando, Florida.

  

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>GRON-0002</b>		SERIAL NO.	
				Applicant: <b>Grondahl</b>			
				FILING		GROUP	

  

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	6,010,132	1/2000	Bagepalli et al.				
	5,997,004	12/1999	Braun et al.				
	5,975,535	11/1999	Gail et al.				
	5,961,280	10/1999	Turnquist et al.				
	5,961,125	10/1999	Wolfe et al.				
	5,799,952	9/1998	Morrison et al.				
	5,794,942	8/1998	Vance et al.				
	5,794,938	8/1998	Hofner et al.				
	5,704,760	1/1998	Bouchard et al.				
	5,688,105	11/1997	Hoffelner				
	5,630,590	5/1997	Bouchard et al.				

  

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

  

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
			"Retractable brush seal optimizes efficiency and availability for cycling and baseloaded steam turbines," <a href="http://www.demagdelaval.com">http://www.demagdelaval.com</a> .
			"Brush seals," <a href="http://www.crossmanufacturing.com">http://www.crossmanufacturing.com</a> .

  

EXAMINER	DATE CONSIDERED
----------	-----------------

  

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. <b>GRON-0002</b>	SERIAL NO.
	Applicant: <b>Grondahl</b>	
	FILING	GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,568,931	10/1996	Tseng et al.			
	5,201,530	4/1993	Kelch et al.			
	5,106,104	4/1992	Atkinson et al.			
	5,090,710	2/1992	Flower			
	5,076,590	12/1991	Steinetz et al.			
	5,074,748	12/1991	Hagle			
	5,071,138	12/1991	Mackay et al.			
	5,066,024	11/1991	Reisinger et al.			
	5,042,823	8/1991	Mackay et al.			
	5,029,875	7/1991	Spain et al.			
	4,940,080	7/1990	Reeves et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		"Brush Sealing Technology for Gas Turbines," <a href="http://www.powmat.com">http://www.powmat.com</a> .

EXAMINER	DATE CONSIDERED
----------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>GRON-0002</b>		SERIAL NO.	
				Applicant: <b>Grondahl</b>			
				FILING		GROUP	

  

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,645,217	2/1987	Honeycutt, Jr. et al.			
		4,274,575	6/1981	Flower			
		4,204,629	5/1980	Bridges			
		3,917,150	11/1975	Ferguson et al.			

  

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

  

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			

  

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
-----------------	------------------------

  

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>GRON-0002</b>	Application Number
	Applicant(s) <b>Grondahl</b>	
	Filing Date	Group Art Unit

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		US 2001/0030397 A1	10/2001	Beichl			
		US 6,352,263 B1	3/2002	Gail et al.			
		US 6,267,381 B1	7/2001	Wright			
		5,987,879	11/1999	Ono			
		5,755,445	5/1998	Arora			
		5,316,318	5/1994	Veau			
		5,108,116	4/1992	Johnson et al.			
		5,100,158	3/1992	Gardner			
		4,209,268	6/1980	Fujiwara et al.			

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		DE 100 17 643 A1	10/2001	DE				

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.